

Figure 1

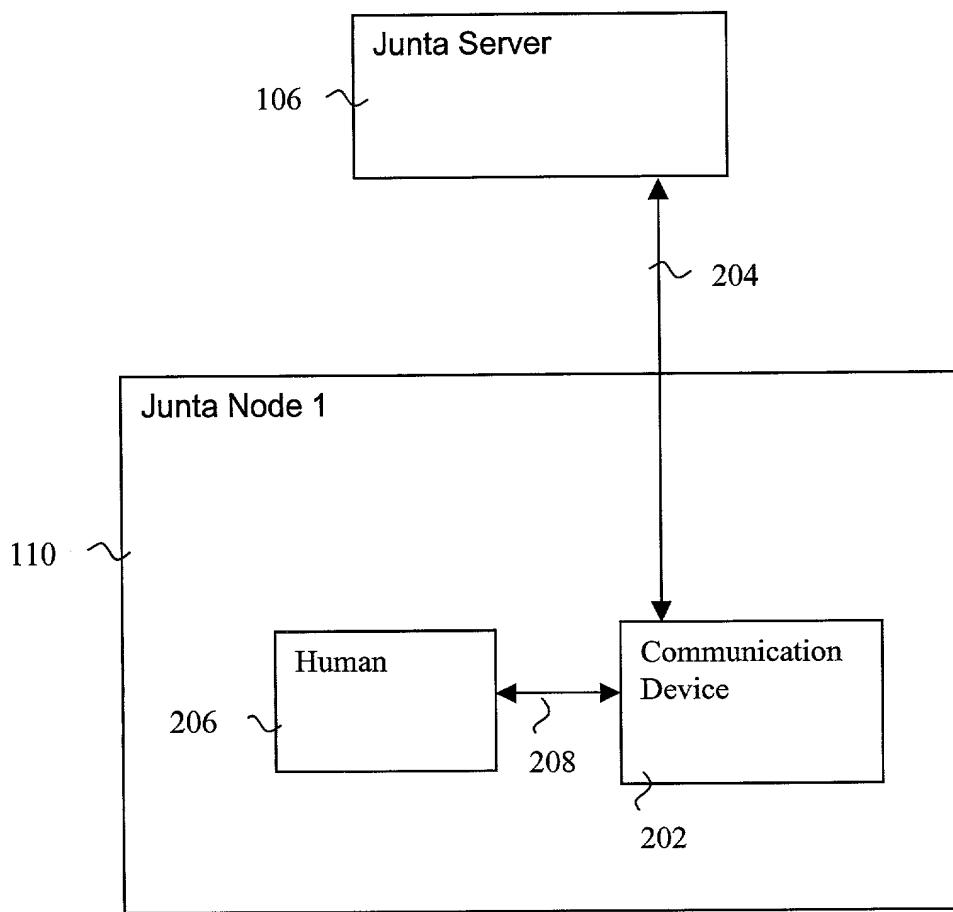


Figure 2

Figure 3a

```
302 /* Defines the various types of input */
typedef enum {
    TEXT = 0x1,
    SPEECH = 0x2,
} junta_input_domains_t;

304 /* Defines the various output types */
typedef enum {
    TEXT = 0x1,
    NUMBERS = 0x2,
    TUPLES = 0x4,
} junta_output_domains_t;

306 /* A function maps an input to an output */
typedef struct {
    junta_input_domains_t input;
    junta_output_domains_t output;
} junta_function_s;

308 /* Create a new problem on the Junta Computer */
junta_return_t junta_new_problem(junta_function_s function_type,
                                junta_id *problem_id);

310 /* The various attributes we might want to set on a problem */
typedef enum {
    ACCURACY,
    SECURITY,
    TIMEOUT,
    MAXIMUM_TIME,
    COST_PER_TASK,
    MAXIMUM_COST,
} junta_attribute_type_t;

312 /* The accuracy functions we have available right now */
typedef enum {
    MAJORITY_WINS,
    SPECIFIC_ACCURACY,
    AT_LEAST_N,
} junta_accuracy_functions_t;

314 /* The security levels we export for now */
typedef enum {
    STRICT,
    LAX,
    NONE,
} junta_security_levels_t;
```

Figure 3b

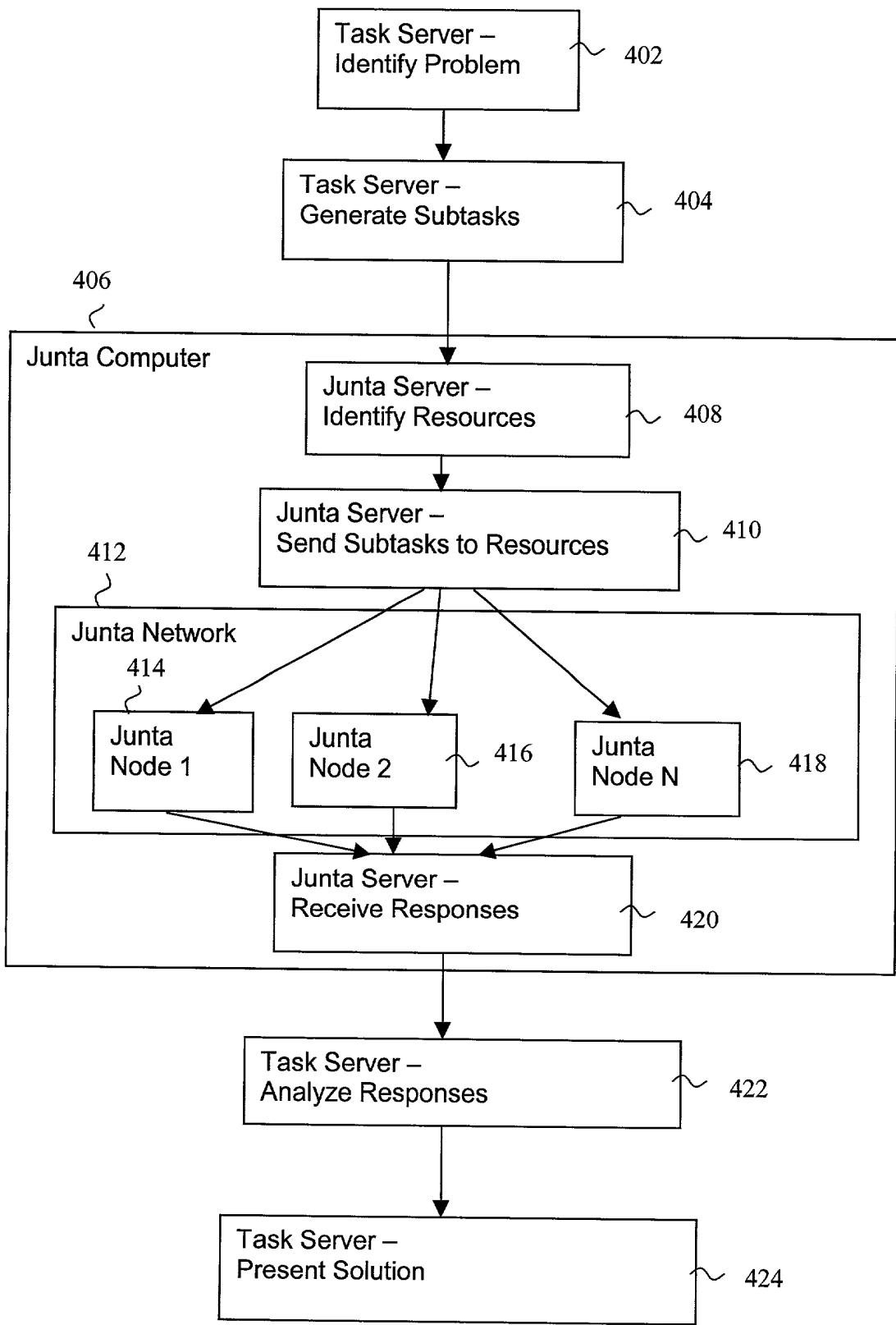


Figure 4